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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,047	03/11/2004	Richard David Taylor	10031197-1	6727

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EXAMINER
PATEL, HETUL B

ART UNIT	PAPER NUMBER
2186	

NOTIFICATION DATE	DELIVERY MODE
01/17/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED <u>21 December 2007</u> FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

   a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.

   b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

   Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

<u>NOTICE OF APPEAL</u>

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

<u>AMENDMENTS</u>

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will <u>not</u> be entered because

   (a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);

   (b) ☐ They raise the issue of new matter (see NOTE below);

   (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

   (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

     NOTE: <u>See Continuation Sheet</u>. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

   The status of the claim(s) is (or will be) as follows:

   Claim(s) allowed: _____.

   Claim(s) objected to: <u>4-13</u>.

   Claim(s) rejected: <u>1 and 3</u>.

   Claim(s) withdrawn from consideration: _____.

<u>AFFIDAVIT OR OTHER EVIDENCE</u>

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will <u>not</u> be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome <u>all</u> rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

<u>REQUEST FOR RECONSIDERATION/OTHER</u>

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.

12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____.

13. ☒ Other: <u>See Continuation Sheet</u>.

Continuation of 3. NOTE: The proposed after-final amendments (specifically to claims 6-8) raise new issues that would require further consideration and/or search..

Continuation of 13. Other: As to remark, Applicant asserted that

(a) the Tanaka reference fails to disclose, teach or suggest a shared system register that includes bits defining an access protocol and one or more data bits, as required by claim 1.

(b) Tanaka does not teach the access type being selected from the group that includes READ, READ/CLEAR, READ/SET, and READ/WRITE, as required by claim 3. Applicants agree that once register access is given to any of the four processors that the select processor can read/write into that register. However, Applicant's claim 3 clearly includes more selections than read and write. A bit in a two-dimensional array that indicates access connectivity between a processor and a shared register cannot disclose, teach or suggest a group of access types that includes four members. At most a single bit can denote an on/off or connected/disconnected state. For at least this separate and distinct reason, Applicant's dependent claim 3 is not anticipated by Tanaka.

Examiner respectfully traverses Applicant's arguments for following reasons:
In response to (a), Examiner would like to point out to Applicant that the claimed shared system registers are compared with the combination of R1 and 21, R2 and 22, R3
and 23, and R4 and 24 in Figs. 1 and 2 of the Tanaka reference. As clearly shown in Figs. 1 and 2, the bit arrays 21-24 each has four bits in them, one for each of the processors P1-P4. These bits (i.e. bits of bit array 21-24) indicate when one or more of the processors P1-P4 has access to shared registers R1-R4 (e.g. see Col. 3, lines 23+). The shared registers R1-R4 are used to read/write the data by the processor(s) once they get access to them. Accordingly, the claim 1 is clearly anticipated by the Tanaka reference.
In response to (b), the phrase "the access type being selected from the group that includes READ, READ/CLEAR, READ/SET, and READ/WRITE" of claim 3 is interpreted as "the access type has to be either READ, READ/CLEAR, READ/SET, or READ/WRITE (i.e. one of the four)". Since in the Tanaka reference, once register access is given to any of the four processors that the select processor can read/write into that register, it is considered as READ/WRITE access type is being given/chosen..

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